

Form PTO-948 (Rev. 05/03)
Application No. 5/016,155

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 3-15-02 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
- B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

- | | |
|--|--|
| 1. DRAWING. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required). | 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) |
| <input checked="" type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____ | Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ |
| <input checked="" type="checkbox"/> Pencil and ink black ink not permitted. Fig(s) _____ | 9. SCALE. 37 CFR 1.84(k) |
| <input checked="" type="checkbox"/> One (1) full-tone set is required. Fig(s) _____ | Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____ |
| <input checked="" type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(c) | 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) |
| <input checked="" type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____ | <input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1-26</u> |
| <input checked="" type="checkbox"/> Poor quality (half-tone). Fig(s) _____ | 11. SHADING. 37 CFR 1.84(m) |
| 3. TYPE OF PAPER. 37 CFR 1.84(c) | <input checked="" type="checkbox"/> Solid black areas pale. Fig(s) _____ |
| <input checked="" type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____ | <input checked="" type="checkbox"/> Solid black shading not permitted. Fig(s) _____ |
| <input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy , machine marks not accepted . Fig(s) <u>1-2</u> | 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) |
| 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: | <input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) <u>1-26</u> |
| 21.0 cm by 29.7 cm (DIN size A4) or | <input checked="" type="checkbox"/> Figure legends are poor. Fig(s) <u>1-26</u> |
| 21.6 cm by 27.9 cm (8 1/2x 11 inches) | Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ |
| <input checked="" type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____ | <input checked="" type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ |
| <input checked="" type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____ | Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3), Fig(s) _____ |
| 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm | 13. LEAD LINES. 37 CFR 1.84(q) |
| <input checked="" type="checkbox"/> Margins not acceptable. Fig(s) <u>4</u> | <input checked="" type="checkbox"/> Lead lines missing. Fig(s) _____ |
| <input checked="" type="checkbox"/> Top (T) <input checked="" type="checkbox"/> Left (L) | 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) |
| <input checked="" type="checkbox"/> Right (R) <input checked="" type="checkbox"/> Bottom (B) | <input checked="" type="checkbox"/> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____ |
| 6. VIEWS. 37 CFR 1.84(h) | 15. NUMBERING OF VIEWS. 37 CFR 1.84(v) |
| REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. | <input checked="" type="checkbox"/> Views not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____ |
| <input checked="" type="checkbox"/> Views not labeled separately or properly. Fig(s) _____ | 16. DESIGN DRAWINGS. 37 CFR 1.152 |
| 7. SECTION & VIEWS. 37 CFR 1.84(h)(3) | <input checked="" type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____ |
| <input checked="" type="checkbox"/> Section 1 designation should be noted with Arabic or Roman numbers. Fig(s) _____ | <input checked="" type="checkbox"/> Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____ |

COMMENTS:

Reviewer C.H.A.50

If you have questions, call (703) 305-8404.

Date 6-28-04

Attachment to Paper No. _____